

Serial No. 09/629,320

Attorney Docket No. PF02024NA

IN THE CLAIMS:

Please amend claims 1, 10 and 20 as follows:

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1. (Currently Amended) A context-sensitive data announcing device comprising  
an ad hoc network interface configured to receive a plurality of announcements  
identifying a plurality of members of an ad hoc network;  
a database comprising information regarding each of the plurality of members;  
a processor configured to extract the information regarding the plurality of members from  
the database using the identifying plurality of announcements; and  
a user output device for outputting concurrently the information regarding the plurality of  
members, the information including an identity of a person associated with each of the plurality  
of members.
2. (Canceled).
3. (Previously Presented) The device of claim 1 wherein the user output device outputs  
concurrently the information regarding the plurality of members in the order the announcements  
were received.
4. (Previously Presented) The device of claim 1 wherein  
the information regarding an urgent member comprises an urgent designation; and  
the user output device outputs concurrently the information regarding the urgent member  
before information regarding at least some of the other members of the plurality of members.

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5. (Previously Presented) The device of claim 1 wherein the processor is configured to extract the information regarding the plurality of members that are proximate to the device.
6. (Previously Presented) The device of claim 5 wherein the processor is configured to determine the proximity of the plurality of members using a signal strength provided by the network interface.
7. (Original) The device of claim 5 wherein the processor is configured to determine the proximity of a member using the number of hops among members the announcement associated with the member made before being received by the ad hoc network interface.
8. (Original) The device of claim 1 wherein the ad hoc network interface uses one of radio frequency communications, optical communications, or wired communications.
9. (Previously Presented) The device of claim 1 wherein the user output device comprises one of a vibrating mechanism, an audio output, or a visual output.

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10. (Currently Amended) A method for an announcing member of an ad hoc network to announce the presence of one or more members of the ad hoc network, the method comprising receiving an identifying announcement from a plurality of members of the ad hoc network;

accessing a database using the plurality of identifying announcements to retrieve information regarding each of the plurality of members of the ad hoc network from which an announcement was received; and

outputting concurrently the information regarding the plurality of members to a user output device, the information including an identity of a person associated with each of the plurality of members.

11. (Canceled)

12. (Previously Presented) The method of claim 11 wherein outputting concurrently the information includes outputting concurrently the information in the order received.

13. (Previously Presented) The method of claim 11 wherein outputting concurrently the information includes raising an urgent identifying announcement to output above information regarding at least one other member of the plurality of members.

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14. (Original) The method of claim 10 further comprising  
determining the proximity to the announcing member of each of the members of the ad  
hoc network from which the announcing member received an announcement; and  
outputting comprises outputting only the identifying data for members of the ad hoc  
network that are proximate to the announcing member.
15. (Original) The method of claim 14 wherein  
the announcements hop among members of the ad hoc network in order to reach the  
announcing member and wherein  
determining the proximity comprises counting the hops an announcement made before  
reaching the announcing member.
16. (Original) The method of claim 14 further comprising  
measuring the signal strength of each received identifying announcement; and wherein  
determining the proximity comprises comparing the signal strength of each received  
identifying announcement to a threshold.
17. (Original) The method of claim 10 further comprising building the database.
18. (Previously Presented) The method of claim 17 wherein building the database comprises  
extracting new information from the plurality of identifying announcements; and  
storing the new information in the database.

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19. (Original) The method of claim 17 wherein building the database comprises  
retrieving new information from a database external to the announcing member; and  
storing the new information in the database.

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20. (Currently Amended) A system for identifying members of an ad hoc network, the system comprising

communicators, associated with a plurality of source members and a display member, for communicating announcements regarding the source members between the source members and the display member;

a database comprising information regarding the source members;

a processor configured to access the database using the announcements to produce accessed information; and

an output associated with the display member for outputting concurrently the accessed information regarding the plurality of source members, the accessed information including an identity of a person associated with each source member.

21. (Original) The system of claim 20 wherein the processor is configured to access the database for only those source members that are proximate to the display member.

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22. (Previously Presented) The system of claim 21 wherein  
an announcement passes through at least one communicators as it travels from the source  
members to the display member; and

the processor is configured to determine the proximity of a source member to the display  
member based on the number of communicators the announcement passed through between the  
source member and the display member.

23. (Previously Presented) The system of claim 21 further comprising  
a plurality of signals for carrying the announcements between the source members and the  
display member;

a signal strength measurer associated with the display member, the signal strength  
measurer producing a signal strength for each signal received from a source member; and  
wherein

the processor is configured to determine the proximity of the source members to the  
display member using the respective signal strengths.

24. (Original) The system of claim 20 wherein the output displays the accessed information  
for the source members in the order that the announcements were received from the respective  
source members.

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25. (Original) The system of claim 20 wherein

the accessed information for each source member has an associated urgency, the urgency having an order; and

the output displays the accessed information for the source members in the order of urgency.

26. (Original) The system of claim 20 wherein the processor is associated with the display member.

27. (Original) The system of claim 20 wherein the database is associated with the display member.

28. (Previously Presented) The device of claim 1 wherein the user output device outputs concurrently the information regarding the plurality of members in order of proximity to the announcing device.

29. (Previously Presented) The method of claim 10 wherein outputting concurrently the information includes outputting concurrently the information in order of proximity to the announcing member.

30. (Previously Presented) The system of claim 20 wherein the output associated with the display member outputs concurrently the accessed information regarding the plurality of members in order of proximity to the display member.